

In accordance with 37 C.F.R. §1.121, a claim listing including the status and text of all claims as currently presented appears below. The present amendments do not add any new matter to the subject application.

LISTING OF CLAIMS

1. (Currently Amended) A method of handling a telephone call with an associated data package over a telephone system having a pair of first lines and a pair of second lines with limited bandwidth, comprising:

generating at least one first data from at least one first data generator and at least one second data from at least one second data generator;

prioritizing the at least one first data relative to the at least one second data so that the at least one first data is given priority;

determining the bandwidth required for transmission of the at least one first data;

sending the at least one first data within the bandwidth associated therewith on the first pair of lines;

using bandwidth as available to include the at least one second data;

selecting a digitized format for transmission for each data;

converting the data to the digitized format selected by having wave type data converted into signals which are given a value as a bit;

determining the amount of data to store;

storing data which is not ready to send;

prioritizing data to be stored;

attaching a first time marker comprising at least one time reading to each data byte made up of digital data bits;

attaching a second time marker comprising a time reading for each at least one predetermined period ~~which time reading~~, said second time marker configured is to be separated out as a separated byte;

providing a remote clock to allow the local clock to be kept in time with the local phone clock;

sending the data;

retrieving the data out of the data stream;

separating the data by type based on its respective said first time marker attached to the data; and

re-ordering the data based on the time from the remote clock.

2. (Currently Amended) The method of claim 1, wherein said step of prioritizing the at least one first data relative to the at least one second data so that the at least one first data is given priority comprises:

setting a protocol for electing the at least one first data over the at least one second data wherein the first data is of at least one first type and wherein the at least one second data is of at least one second type; and

automatically prioritizing the data based on the protocol.

3. (Previously Presented) The method of claim 1, wherein generating comprises:

a) selecting at least one reader to receive the data; and

b) reading data fed into the reader.

4. (Previously Presented) The method of claim 3, wherein the reader is selected from the group consisting of voice, picture, bio-marker, card holder information, DNIS and ANI call data readers, and combinations thereof.

5. (Previously Presented) The method of claim 4, further comprising:
creating at least one circuit board having a CPU with instructions; and
connecting the reader[s] to the circuit board,
wherein prioritizing comprises permitting the CPU to follow its instructions to prioritize the data.

6. (Previously Presented) The method of claim 3, wherein at least one reader is a telephone.

7. (Cancelled)

8. (Cancelled).

9. (Previously Presented) The method of claim 8, wherein prioritizing further comprises:

separating the data into bytes;

determining the size of bytes;

packaging the bytes to be sent;

attaching at least one common marker to each data made up of digital data bits; and

streaming data into bytes with the at least one common marker.

10. (Previously Presented) The method of claim 9, further comprising associating the at least one common marker with two types of data generation.

11. (Previously Presented) The method of claim 10, further comprising associating the at least one common marker with the beginning and ending time of the call.

12. (Currently Amended) The method of claim 9, further comprising:
retrieving the data at a remote location;
separating the data by type;
maintaining the data with ~~its~~-respective the first time marker for at least one data type;
using the first time marker to maintain the time order of the data for later transmission and alignment of different data types;
determining the best method for transmitting data; and
sending the data by at least one transmission data stream.

13. (Cancelled).

14. (Previously Presented) The method of claim 1 wherein sending data includes multiplexing the data by moving the data in both directions on the first lines.

15. (Previously Presented) The method of claim 6, further comprising using several frequencies on the same channel to transmit several different streams of data from different readers simultaneously.

16. (Previously Presented) The method of claim 15, further comprising providing multiple streams of data which streams of data include sampling for data assigned to a particular location on the data stream.

17. (Cancelled).

18. (Cancelled).

19. (Cancelled).

20. (Cancelled).

21. (Cancelled).

22. (Cancelled).

23. (Currently Amended) A method of handling a telephone call with an associated data package over a telephone system having a pair of first lines and a pair of second lines with limited bandwidth, comprising:

generating at least one first data from at least one first data generator and at least one second data from at least one second data generator;

prioritizing the at least one first data relative to the at least one second data so that the at least one first data is given priority;

determining the bandwidth required for transmission of the at least one first data;

sending the at least one first data within the bandwidth associated therewith on the first pair of lines; and

using bandwidth as available to include the at least one second data;

wherein prioritizing comprises:

setting a protocol for electing the at least one first data over the at least one second data wherein the first data is of at least one first type and wherein the at least one second data is of at least one second type;

automatically prioritizing the data based on the protocol;

determining the amount of data to store;

storing data which is not ready to send;

prioritizing data to be stored;
separating the data into bytes;
determining the size of bytes;
packaging the bytes to be sent;
attaching at least one common marker to each data made up of
digital data bits; and

streaming data into bytes with the at least one common marker;
and wherein said method further comprises:

retrieving the data at a remote location;
separating the data by type;
maintaining the data with ~~its~~ a respective time marker for at least
one data type;
using the time marker to maintain the time order of the data for later
transmission and alignment of different data types;
determining the best method for transmitting data; and
sending the data by at least one transmission data stream.

24. (Previously Presented) The method of claim 23, wherein generating
comprises:

selecting at least one reader, selected from the group consisting of voice,
picture, bio-marker, card holder information, DNIS and ANI call data readers, and
combinations thereof, to receive the data; and

wherein said method further includes creating at least one circuit board
having a CPU with instructions; and

connecting the reader[s] to the circuit board; and
wherein prioritizing comprises permitting the CPU to follow its instructions to prioritize the data.

25. (Previously Presented) The method of claim 24, further comprising associating the time marker with the beginning and ending time of the call.

26. (Previously Presented) The method of claim 24, further comprising;
using several frequencies on the same channel to transmit several different streams of data from different readers simultaneously; and
providing multiple streams of data, which streams of data include sampling for data assigned to a particular location on the data stream.

27. (Previously Presented) The method of claim 23, wherein sending data includes multiplexing the data by moving the data in both directions on the first lines.

28. (Previously Presented) A method of handling a telephone call with an associated data package over a telephone system having a pair of first lines and a pair of second lines with limited bandwidth, comprising:

generating at least one first data from at least one first data generator and at least one second data from at least one second data generator;

prioritizing the at least one first data relative to the at least one second data so that the at least one first data is given priority;

determining the bandwidth required for transmission of the at least one first data;

sending the at least one first data within the bandwidth associated therewith on the first pair of lines; and

using bandwidth as available to include the at least one second data;

wherein prioritizing comprises:

setting a protocol for electing the at least one first data over the at least one second data wherein the first data is of at least one first type and wherein the at least one second data is of at least one second type;

automatically prioritizing the data based on the protocol;

determining the amount of data to store;

storing data which is not ready to send;

prioritizing data to be stored;

separating the data into bytes;

determining the size of bytes;

packaging the bytes to be sent;

attaching at least one common marker to each data made up of digital data bits; and

streaming data into bytes with the at least one common marker;

and wherein said method further comprises associating the at least one common marker with the beginning and ending time of the call.

29. (Previously Presented) The method of claim 28, wherein generating comprises:

selecting at least one reader, selected from the group consisting of voice, picture, bio-marker, card holder information, DNIS and ANI call data readers, and combinations thereof, to receive the data; and

wherein said method further includes creating at least one circuit board having a CPU with instructions; and

connecting the reader[s] to the circuit board; and

wherein prioritizing comprises permitting the CPU to follow its instructions to prioritize the data.

30. (Previously Presented) The method of claim 29, further comprising; using several frequencies on the same channel to transmit several different streams of data from different readers simultaneously; and

providing multiple streams of data, which streams of data include sampling for data assigned to a particular location on the data stream.

31. (Previously Presented) The method of claim 28, wherein sending data includes multiplexing the data by moving the data in both directions on the first lines.